

Series W-ZKT-F

Flexible Rubber Expansion Joint Double Bellow Flange Type

Size: DN32-DN600

Mounted on piping installations, the joint can absorb expansions, contractions, oscillations and vibrations, diminishes hammering, reduces noise and prevents electric currents from spreading.

Features

- The multi-level sphere structure, vibration absorbing ability, good effect of noise reduction
- Can work under high pressure, larger antiknock and elastic situations
- On compression, tensile and torsion deformation can better displacement compensation effect
- 360° rotation of the flange connection, make the installation more convenient and flexible

Pressure-Temperature

- Nominal Pressure: PN16(DN32-DN300)
PN10(DN350-DN600)
- Bursting Pressure: PN48(DN32-DN300)
PN30(DN350-DN600)
- Temperature Range: -15°C~115°C

Test Pressures

Pneumatic	Hydraulic
Shell: 6 bar	Shell: PN10 15 bar PN16 24 bar

Material

Component	Union nut	Rubber
Material	Carbon steel+ZINC PLUS YELLOW	EPDM NBR

Installation Dimensions

DN	H mm	L mm	Allowable Displacement	
			Compression	Extension
32	140	95	30	20
40	150	95	30	20
50	165	105	30	20
65	185	115	50	25
80	200	130	50	25
100	220	135	50	35
125	250	170	50	35
150	285	180	50	35
200	340	205	50	35
250	405	240	50	35
300	460	260	50	35
350	520	265	40	25
400	580	265	40	25
450	640	265	40	25
500	715	265	40	25
600	780	265	40	25



Specification

- Test Standard: ISO5208-2008 or BS EN12266-2:2002
- Connection Standard: ISO7005-2:1998 PN16 or BS EN1092-2:1997 PN16
- Deflection Angle: 30°(DN32-DN250)
20°(DN300)
10°(DN350-DN600)
- Medium: water, oil, gas

